

WHAT IS CLAIMED IS:

1. A pedal structure for a motor vehicle comprising:

a pedal arm pivoted when stepped on for transmitting the stepping-on force; and

a pedal pad mounted on an end upper portion of said pedal arm for being stepped on the driver's foot;

said pedal pad including a pedal pad upper portion and a pedal pad side portion;

said pedal arm including an arm end portion for mounting said pedal pad and an arm body; and

said arm end portion having a pad mounting upper portion for mounting said pedal pad, a pad mounting side portion for mounting said pedal pad side portion, and a swelling portion provided at said pad mounting side portion under the end portion of said pedal pad side portion and laterally protruding to have almost the same height as the thickness of said pedal pad side portion.

2. The pedal structure as set forth in Claim 1, wherein said pedal arm is formed to be a U-letter shape in cross-section.

3. The pedal structure as set forth in Claim 2, wherein said pedal arm is press-formed, and wherein said swelling portion is formed simultaneously through the same press-forming process as is done on said pedal arm.

4. The pedal structure as set forth in Claim 2, wherein said swelling portion is formed by partly cutting said pad mounting side portion of said arm end portion and raising the cut part of said pad mounting side portion.

5. The pedal structure as set forth in Claim 1, wherein said pedal arm is press-formed, and wherein said swelling portion is formed simultaneously through the same press-forming process as is done on said pedal arm.

6. The pedal structure as set forth in Claim 1, wherein said swelling portion is formed by partly cutting said pad mounting side portion of said arm

end portion and raising the cut part of said pad mounting side portion.

7. The pedal structure as set forth in Claim 1, wherein said pedal pad covers the whole of the right side of said pad mounting upper portion provided at said arm end portion and also covers the circumferential portion of the wrong side of said pad mounting upper portion.

8. The pedal structure as set forth in Claim 1, wherein said pedal pad is joined by an adhesive to said pad mounting upper portion of said arm end portion.

9. The pedal structure as set forth in Claim 1, wherein said pedal pad is made of rubber or soft synthetic resin and wherein in Insertion Forming technology, said pedal pad is formed bodily on said arm end portion with the same being set in a casting mold.

10. A parking brake pedal structure in a parking foot brake device for a motor vehicle wherein a parking brake pedal comprises;

a pedal arm pivoted when stepped on for transmitting the stepping-on force to said parking brake device; and

a pedal pad mounted on an end upper portion of said pedal arm for being stepped on the driver's foot;

said pedal arm including an arm end portion for mounting said pedal pad and an arm body connected to said parking brake device; and

said arm end portion having a pad mounting upper portion for mounting said pedal pad, a pad mounting side portion for mounting said pedal pad side portion, and a swelling portion provided at said pad mounting side portion under the end portion of said pedal pad side portion and laterally protruding to have the same height as the thickness of said pedal pad side portion.

11. The pedal structure as set forth in Claim 10, wherein said pedal arm is formed to be a U-letter shape in cross-section.

12. The pedal structure as set forth in Claim 11, wherein said pedal arm

is press-formed, and wherein said swelling portion is formed simultaneously through the same press-forming process as is done on said pedal arm.

13. The pedal structure as set forth in Claim 11, wherein said swelling portion is formed by partly cutting said pad mounting side portion and raising the cut part of said pad mounting side portion.

14. The pedal structure as set forth in Claim 10, wherein said pedal arm is press-formed, and wherein said swelling portion is formed simultaneously through the same press-forming process as is done on said pedal arm.

15. The pedal structure as set forth in Claim 10, wherein said swelling is formed by partly cutting said pad mounting side portion and raising the cut part of said pad mounting side portion.

16. The pedal structure as set forth in Claim 10, wherein said pedal pad covers the whole of the right side of said pad mounting upper portion provided at said arm end portion and also covers the circumferential portion of the wrong side of said pad mounting upper portion.

17. The pedal structure as set forth in Claim 10, wherein said pedal pad is joined by an adhesive to said pad mounting upper portion of said arm end portion.

18. The pedal structure as set forth in Claim 10, wherein said pedal pad is made of rubber or soft synthetic resin and wherein in Insertion Forming technology, said pedal pad is formed bodily on said arm end portion with the same being set in a casting mold.